

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 1/30/2015

Control	0074-02-070, ETC.
Project	NH 2015(576), ETC.
Highway	IH 37
County	LIVE OAK, ETC.

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: NH 2015(576)

CONTROL: 0074-02-070

COUNTY: LIVE OAK

LETTING: 02/04/2015

REFERENCE NO: 0130

PROPOSAL ADDENDUMS

_ PROPOSAL COVER

_ BID INSERTS (SH. NO.:

X GENERAL NOTES (SH. NO.: D (PLAN SHEET 5A)

_ SPEC LIST (SH. NO.:

_ SPECIAL PROVISIONS:

ADDED:

DELETED:

_ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: PLAN SHEET 15 AND 16

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

GENERAL NOTES SHEET D (PLAN SHEET 5A): MODIFIED NOTES TO ITEM 100.

PLAN SHEET 15: ADDED TO THE PLAN SET.

PLAN SHEET 16: REMOVED DUPLICATED PLAN SHEET.

County: Live Oak

Control: 0074-02-070, etc

Highway: IH 37

General Notes

Find, for your information and convenience, tools such as forms, software, materials, and various other information provided by the Department at <http://www.dot.state.tx.us/business/>. Please note that these tools are updated periodically and your attention is directed to the latest edition.

In the event of a called evacuation, emergencies, impending adverse weather or as directed, do not perform any work without written authorization. The District reserves the right to suspend all work in support of evacuations or emergencies occurring from other parts of the state. Any work performed, other than work directed by the Department, is unauthorized work in accordance with Item 5.

Sweep, clean and remove any construction waste, surplus materials or debris from the roadway and right of way at the end of each day unless otherwise approved. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Asphalt application season will be established in accordance with Item 316.4D Adverse Weather Conditions or as directed by the Engineer.

Cut existing pavement using a saw or other approved method to ensure a neat transverse and/or longitudinal line to assure a smooth tie-in with new pavement. Cut to a minimum depth of the final lift thickness. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Promptly pick up and properly dispose of paper and other materials used for pavement joints.

All pavement markings shall be in accordance with the latest edition of Texas MUTCD.

ITEM 2

It is recommended that prospective bidders examine the specified work locations with the Engineer to view the nature of the work, the need for close coordination with the various utilities, traffic control considerations, and other factors influencing the prosecution of the work.

Project Number: NH 2015(576)

Sheet

County: Live Oak

Control: 0074-02-070, etc

Highway: IH 37

Submit pre-letting questions, by email only, to Oscar.Soliz@txdot.gov and Charles.Benavidez@txdot.gov that contains "CSJ 0074-02-070 CONTRACTOR QUESTIONS" in the subject line. An electronic file containing pre-letting questions and TxDOT answers will be provided on TxDOT's FTP site.

In addition, an electronic file containing pre-letting questions and answers will be uploaded to the following site that can be downloaded by using the Login Name and Password as follows: Website Address (to be typed into windows explorer):

<ftp://username@ftp.txdot.gov>

Username: Alice-AO-ro

Password: CDE456

ITEM 5

Field verify all dimensions and notify Engineer prior to initiating any work.

Verify the locations of utilities, underground or overhead, shown within the limits of the right-of-way. Adhere to OSHA Standards when working within the vicinity of overhead power lines. Coordinate with the utility companies and notify the Engineer of any possible conflicts. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

The 811 call services for utility locations do not include TxDOT facilities. The Contractor shall contact the Corpus Christi District Signal Shop (361-739-6044) for coordination with TxDOT underground lines.

Notify the Engineer immediately of utility conflicts in accordance with Item 5.5.B. Refer to Item 4.3 for consideration of differing site conditions.

The responsibility for the construction surveying on this contract will be in accordance with Item 5.6.C, "Method C".

Establish and mark the location of existing standard pavement markings including but not limited to edge lines, transitions, passing and no passing zones, gore areas, etc.

County: Live Oak

Control: 0074-02-070, etc

Highway: IH 37

ITEM 7

The work performed for Item 7.7, "Public Safety and Convenience" will not be measured or paid for directly, but will be subsidiary to pertinent Items.

When working at street, farm-to-market, state highway, and county road intersections, schedule work to minimize intersection closures. During nonworking hours, all public road intersections will be open to the traveling public.

The total disturbed area for this project is 2.15 acres. The disturbed area in this project, all project locations in the Contract, and Contractor project specific locations (PSLs), within 1 mile of the project limits, for the Contract will further establish the authorization requirements for storm water discharges. The Department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction activities shown on the plans. The Contractor is to obtain any required authorization from the TCEQ for any Contractor PSLs for construction support activities on or off ROW. When the total area disturbed for all projects in the Contract and PSLs within 1 mile of the project limits exceeds 5 acres, provide a copy of the Contractor NOI for PSLs on the ROW to the Engineer.

Comply with the Texas Aggregate Quarry and Pit Safety Act for waste areas or material source areas resulting from this project.

ITEM 8

Prepare the progress schedule using the Critical Path Method (CPM). Submit (2) two 11" x 17" hard copies and an electronic file of the original or updated progress schedule. Submit the original progress schedule seven (7) days before the Preconstruction Conference.

Submit an updated progress schedule as directed to show proposed major changes, changes affecting compliance with the contract requirements, or changes affecting the critical path/controlling item of work.

Working days will be computed and charge in accordance with Article 8.3.A.4, "Standard Workweek".

Work above traffic is not allowed.

Nighttime work is not permitted.

Project Number: NH 2015(576)

Sheet

County: Live Oak

Control: 0074-02-070, etc

Highway: IH 37

Notify the Engineer at least 48 hours in advance of weekend work.

ITEM 9

Submit the approved forms to request compensation for material-on-hand (MOH) at least three (3) working days prior to the end of the month. Include any requests from subcontractors, suppliers, or fabricators.

ITEM 100

Coordinate all right of way preparation activities with the project's Storm Water Pollution Prevention Plan (SWP3) and Environmental Permit Issues, and Commitments Sheet (EPIC) or as approved.

Prepare the right of way for the full length of the project. Remove and dispose of all obstructions shown and not specifically shown in the plans within the limits of the widening work as shown on the typical sections.

Prune trees and shrubs as directed. Use accepted pruning practices in accordance with Item 192 and as defined by the National Arborist Association. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

ITEM 134

Backfill pavement edges with reclaimable asphalt material (R.A.P.) obtained from within the project.

Windrow the existing topsoil and grass along the edge of the grading operations or as directed. After grading operations are completed, spread the topsoil and grass uniformly on all slopes and ditch lines. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Manipulate and compact backfill material in accordance with Item 132.3.D.1, "Ordinary Compaction". The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items

Project Number: NH 2015(576)

Sheet

County: Live Oak

Control: 0074-02-070, etc

Highway: IH 37

ITEM 247

The Engineer may accept material during stockpile operations, from completed stockpiles, or windrows. The Engineer will select any of these locations or any combination thereof with the provision that at least one out of ten consecutive samples will be taken at the project site.

For Table 1, "Material Requirements" a minimum plasticity index (PI) of 4 is required.

When requested, stake with blue tops, at 100-foot intervals, the lines and grade shown in the plans.

For this project Test Method Tex-117-E shall conform to the following minimum compressive strength requirements:

Lateral Pressure	Triaxial Strength
15 psi	175 psi

ITEM 302

Provide aggregates with a minimum surface aggregate classification (SAC) of "B" unless otherwise shown. The SAC for sources on the Department's Aggregate Quality Monitoring Program (AQMP) is listed in the Department's Bituminous Rated Source Quality Catalogue (BRSQC). SAC requirements apply to aggregates used on all final roadway surfaces, including shoulders.

Precoated aggregate Type PE consists of crushed slag, crushed stone, or limestone rock asphalt (LRA).

When using asphalt emulsion, use a precoat material for the aggregates as approved.

ITEM 310

Use MC-30 at a rate of 0.20 gallons per square yard or as directed.

Project Number: NH 2015(576)

Sheet

County: Live Oak

Control: 0074-02-070, etc

Highway: IH 37

ITEM 318

Clean aggregates showing signs of excessive dust from the stockpile or while handling during construction. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Do not place surface treatment on exposed concrete structures unless directed.

Furnish a distributor equipped with a hand hose in working condition.

Material rates shown are for estimating purposes only. Adjust actual rates based on the material used, the existing condition and type of roadway surface, and as approved. When using asphalt emulsion, a minimum 24-hour curing period is required before placing any subsequent asphalt courses.

Stockpiling of aggregates may begin after the execution of the Authorization to Begin Work or issuance of the work order.

Remove vegetation and blade pavement edges prior to surfacing operations. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Broom and clean sealed sections of roadway and all adjacent paved surfaces, including the gutter line, of any surplus aggregate before opening to traffic or as directed.

ITEM 351

Use of motor grader will not be permitted unless approved.

ITEM 354

Incorporate the R.A.P. into the HMAC, backfill for pavement edges, or as approved. Any excess R.A.P. will become the property of the Contractor.

Perform any necessary tests to ensure RAP is appropriate for use.

Project Number: NH 2015(576)

Sheet

County: Live Oak

Control: 0074-02-070, etc

Highway: IH 37

ITEM 421

The Engineer will provide strength-testing equipment in accordance with the Contract controlling test(s).

Furnish curing facilities adequately sized for this project as approved.

Furnish test molds for cylindrical concrete specimens measuring six (6") inches in diameter by twelve (12") inches in length.

No air entrainment in concrete is required.

ITEM 432

Saw cut the existing riprap to ensure a neat transverse and/or longitudinal line to assure a smooth tie-in with new riprap. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Reinforce concrete riprap with 4 x 4 – W2.9 x W2.9 welded wire fabric or with No. 3 reinforcing bars spaced at a maximum of 12 inch in each direction. Fiber reinforcement will not be permitted.

ITEM 438

Perform the work for this item prior to any underseal operation.

Provide for approval a method of cleaning and sealing joints to prevent any materials from falling through the joint when working over water or traffic. The method used and work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

ITEM 500

“Materials on Hand” payments are not considered when determining partial payments.

Project Number: NH 2015(576)

Sheet

County: Live Oak

Control: 0074-02-070, etc

Highway: IH 37

ITEM 502

Furnish additional barricades, signs, and traffic handling as directed. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Traffic control for daytime lane closures shall be in accordance with TCP 2 Series Standards and shall include temporary rumble strips in accordance with WZ (RS)-14.

When advanced warning flashing arrow panels are specified, furnish one (1) standby unit in good condition at the job site for immediate use.

The Contractor's Responsible Person (CRP) or his representative(s) shall be located within one hour of traveling time to the project site. The Contractor shall notify the Engineer in writing of the name, physical address, and telephone number of this employee or these employees. The Engineer shall furnish this information to local law enforcement officials.

Maintain traffic control devices by taking corrective action as soon as possible. Complete corrective action within 48 hours of written notification regardless of the day of the week involved unless otherwise directed.

Provide a positive means of communications between flaggers unless otherwise approved.

Attach stop/slow paddle to a staff with a minimum length of 6 feet to the bottom of the sign.

The use of a pilot vehicle in conjunction with flaggers will be permitted. If used, provide positive and unrestricted communication between the driver of the pilot vehicle and the flaggers. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

The Contractor Force Account "Safety Contingency" that has been established for this project is intended to be utilized for work zone enhancements, to improve the effectiveness of the Traffic Control Plan, that could not be foreseen in the project planning and design stage. These enhancements will be mutually agreed upon by the Engineer and Contractor's Responsible Person based on weekly or more frequent traffic management reviews of the project. The Engineer may choose to use existing bid items if it does not slow the implementation of enhancement.

Project Number: NH 2015(576)

Sheet

County: Live Oak

Control: 0074-02-070, etc

Highway: IH 37

ITEM 504

No field office will be required for this project.

Provide one (1) Type D Structure (Asphalt Mix Control Laboratory). This laboratory shall be for TxDOT use only and shall be a separate structure from the Contractor's facilities.

Apply for and secure permits necessary for the buildings, and pay all utility meter deposits and service bills. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Provide 2 sets of keys for all facilities.

Maintain all mechanical, electrical and plumbing facilities at all times.

Furnish and install adequate equipment, outlets, lighting, air conditioning, heating and ventilation as approved. Arrange and install outlets as directed with no less than 1 outlet per wall. Portable toilets will not be allowed.

Provide 2 standard size office desks, 4 office chairs, 2 bookcases, and 2 filing cabinets as approved. Provide solar screens, blinds, or shades.

Provide janitorial services as needed.

Provide 1 phone line and 2 phones. Submit a copy of the monthly phone bill for review to monitor phone usage. A cell phone will not be allowed unless approved.

Provide internet connectivity, a printer/fax/scan/copier, and a telephone.

Provide hot water or a hot water dispenser capable of generating one (1) gallon of water at 140 degrees Fahrenheit with acceptable water pressure.

Use support blocks for stability and tied down portable structures according to applicable zoning requirements or as directed.

Provide Safety Equipment as follows:

(1) ONE EYE WASH STATION

(2) ONE FIRE EXTINGUISHER

(3) ONE FIRST AID KIT

Project Number: NH 2015(576)

Sheet

County: Live Oak

Control: 0074-02-070, etc

Highway: IH 37

Provide doors with a minimum width of 36 inches and 80 inches in height. Secure all exterior openings with bars.

Provide electrical service for the asphalt content by Ignition Method.

ITEM 540

Complete each location during the working day. No exposed bridge rail or guard fence ends will be permitted at the end of the working day or unattended during the working day.

Mixing of wood post types and shapes will not be permitted at the same location.

Type II galvanization shall be used.

ITEM 544

Drill an 18-inch pilot hole for post embedment.

The method of placing steel tubes in drilled holes is not permitted.

Type II galvanization shall be used.

ITEM 585

Use Surface Test Type B and Pay Adjustment Schedule 1 to evaluate ride quality of the travel lanes in accordance with Item 585, "Ride Quality for Pavement Surfaces."

Use latest version of approved Ride Quality Software.

For QC Testing, provide inertial profiler results the same working day after paving.

For QA Testing, provide the Engineer the opportunity to witness the testing. Provide a seat for the Engineer in the test vehicle or arrange for the Engineer to follow the test vehicle if requested.

Project Number: NH 2015(576)

Sheet

County: Live Oak

Control: 0074-02-070, etc

Highway: IH 37

ITEM 644

Use crash worthy supports as shown on the BC sheets, the CWZTCD, or as directed for signs relocated using temporary supports. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Disassemble, deliver and neatly stack salvageable materials at 3830 US Hwy 59 George West, TX 78022. The work performed will not be measured or paid for directly, but will be subsidiary to pertinent Items.

All slip bases and hardware including but not limited to nuts, bolts, screws and washers will be galvanized. All sign and housing components will be galvanized.

ITEM 662

Use temporary flexible-reflective roadway marker tabs at the beginning and end of no passing zones as shown on the TCP (7-1)-13 for seal coats and WZ(STPM)-13 for hot mix overlays.

ITEM 1122

Designate in writing a Contractor Responsible Person (CRP) for implementing, maintaining, and reviewing environmental requirements.

ITEM 3270

The use of Recycled Asphalt Shingles (RAS) will not be allowed.

Provide aggregates with a minimum surface aggregate classification (SAC) of "B" unless otherwise shown. SAC requirements apply to aggregates used on all final roadway surfaces, including shoulders.

Use of Contractor-owned RAP including HMA plant waste will be permitted after the material from Item 354 has been exhausted or as approved by the Engineer

Department-owned RAP generated through required work on the Contract is available for the Contractor's use.

Project Number: NH 2015(576)

Sheet

County: Live Oak

Control: 0074-02-070, etc

Highway: IH 37

Perform any necessary tests to ensure RAP is appropriate for use.

Any RAP remaining from the contract is to remain with the Contractor.

Use crushed gravel screenings with or in lieu of stone screenings.

Use a cut-off chute when placing hot-mix asphalt on narrow width locations unless approved.

The laboratory-molded density for this project will be 97% in accordance with test method TEX-207-F for Superpave SP-D.

Construct longitudinal joints with a joint maker providing a maximum one (1) inch vertical edge (1/2 inch desirable) with an adjacent 6:1 taper. Construct the outside edge with a 6:1 taper or backfill within the same day.

Unless otherwise approved by the Engineer, a tack coat will be placed on all lifts in accordance to 3268.4.G.2 Tack Coat. RC-250 will be used as tack coat. This work will not be paid for directly but will be subsidiary to Item 3268.

Aggregate will be subjected to five cycles of the magnesium sulfate soundness test in accordance with Test Method TEX-411-A. The loss shall not be greater than 20 percent.

The addition of 1 percent lime will be required by the Engineer. Introduce lime in such a way that it will be in wet intimate contact with the aggregate by adding lime to wet aggregates and processing the mixture through a pugmill, unless otherwise authorized in writing by the Engineer.

Immediately after coring, remove all moisture and debris from each core hole, tack the inside vertical face of each core hole with AC or PG asphalt, and place hot mix in lifts not to exceed three inches or as directed by the Engineer. Use slide hammering or other approved method(s) to achieve compaction.

The Engineer reserves the right to test all sources even if the source is listed in the Bituminous Source Rated Quality Catalog.

Provide the testing lab samples to calibrate the ignition oven no later than five (5) working days prior to mix design verification.

Unfractionated RAP will not be allowed in either surface or non-surface mixtures.

Project Number: NH 2015(576)

Sheet

County: Live Oak

Control: 0074-02-070, etc

Highway: IH 37

For tests specified by the Engineer, enter testing data in Department-provided electronic testing template spreadsheets. Submit electronically to the Engineer at the interval directed by the Engineer.

Section 2.A Table 1 is amended with respect to the following:

Property	Text Method	Requirement	Requirement
Los Angeles abrasion, %, Max	Tex-410-A	30	All aggregates

ITEM 6834

Furnish the portable changeable message signs displaying the correct message at least seven (7) days prior to beginning work or as directed.

The Contractor's Responsible Person (CRP) will maintain full control of messages at all times.

The Engineer will provide the sign message text to use at each sign.

Provide cellular phone connection.

A minimum of 2 PCMS will be required. However, additional units may be necessary depending on the work in progress.

Standby time will not be measured or paid for directly, but will be subsidiary to pertinent Items.

Portable changeable message signs may be moved and message changed at any time as deemed necessary by the Engineer. This will be considered subsidiary to Item 6834.

ITEM 8251

Place pavement markings no later than 14 calendar days after the placement of the surface. When inclement weather prohibits placement of markings, the 14-day period may be extended until weather permits proper application.

Project Number: NH 2015(576)

Sheet

County: Live Oak

Control: 0074-02-070, etc

Highway: IH 37

SPECIFICATION DATA

UNIT WEIGHT ESTIMATES

2” SUPERPAVE MIXTURES SP-D SAC-A PG70-22-----220 LBS/SY

COMPACTION REQUIREMENTS

ITEM 112 – SUBGRADE WIDENING (DENS CONT)
PLASTICITY INDEX-----40 MAX
PLASTICITY INDEX-----10 MIN
DENSITY-----AS SHOWN ON TABLE 2 OF ITEM 132
LIFTS-----ALL

COMPACTION REQUIREMENTS FOR BASE COURSE

ITEM 247—FL BS (CMP IN PLC)(TY A GR 1) (FNAL POS)
DENSITY-----100% MIN
LIFTS-----ALL

PRIME COAT

ASPHALT, TYPE -----MC-30
AVERAGE ASPHALT RATE (GAL/SY) -----0.20

SURFACE TREATMENT DATA

ONE COURSE UNDERSEAL
ASPHALT TYPE-----A-R BINDER (TY II)
ASPHALT RATE (GAL/SY) -----0.35 – 0.43
AVERAGE ASPHALT RATE (GAL/SY) -----0.390
AGGREGATE RATE (CY/SY) -----1/110
AGGREGATE TYPE -----PB
AGGREGATE GRADE----- 4 or 4S SAC B